

**METHOD AND APPARATUS EMPLOYING ULTRASOUND ENERGY  
TO TREAT BODY SPHINCTERS**

**ABSTRACT OF THE DISCLOSURE**

Methods and apparatus for treating gastroesophageal reflex and other luminal conditions provide for delivering acoustic energy to a body lumen to remodel tissue surrounding the body lumen. In the case of treating GERD, a catheter carrying an ultrasonic or other vibrational transducer is introduced to the lower esophageal sphincter, and acoustic energy is delivered to the sphincter in order to tighten or bulk the sphincter such that reflex is reduced.

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